



**Edward Kolodziej**

Senior Project Manager – Environmental Remediation

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January 7, 2016

Todd Gmitro  
Corrective Action Project Manager  
Remediation and Reuse Branch - U.S. EPA Region 5  
77 W. Jackson Blvd. (LU-9J)  
Chicago, IL 60604

Re: General Electric Company, Evendale, Ohio  
OHD 000 817 312  
Progress Report

Dear Mr. Gmitro:

Please find attached the Fourth Quarter 2015 Progress Report. If you have any questions, please contact me at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manages the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in blue ink that reads 'Ed Kolodziej'.

Ed Kolodziej  
Senior Project Manager – Environmental Remediation

cc: Chief Mike Hauck, Evendale Fire Department  
Tim Hull, OEPA  
Ralph Mertz, BUSTR (Incident Number: 31001060)  
John Wolfe, United States Air Force  
Kent Scott-Smith, United States Air Force  
Joanne Reinhold, GE

***Description of Work Completed in Fourth Quarter 2015:***

- Continued pilot testing of alternate pumping strategies, including temporary shutdown, of extraction wells EW-7S and EW-8D. Testing of EW-7S was completed in December 2015. Well EW-7S will remain shut down for the duration of EW-8D testing during 1Q-16.
- Except during pilot testing, performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for the fourth quarter 2015 were:

<u>Well ID</u>	<u>Unit</u>	<u>4Q 2015 Average Pumping Rate (gpm)</u>
EW-2P	Perched	42
EW-4P	Perched	44
EW-5P	Perched	24
EW-6P	Perched	18
EW-7S	USG	10 (pilot-pumping)/2 (pilot-avg)
EW-3D	LSG	47
EW-8D	LSG	<u>45(pilot-pumping)/18(pilot-avg)</u>
		Total 4Q-15 Ave. = 195 gpm

- Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP). Submitted the 3<sup>rd</sup> quarter IRM groundwater monitoring report to USEPA on November 25, 2015.
- Conducted the 4<sup>th</sup> quarter/2<sup>nd</sup> semiannual 2015 IRM groundwater sampling between November 30, 2015 and December 7, 2015.
- Continued operating the IRM groundwater treatment plant, including scheduled and unscheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters. Operational run-time for the treatment plant was 96.88% for the quarter.
- Submitted a report via email to USEPA on October 6, 2015 documenting the decommissioning of the former AFP36 air stripper system and IRM recovery wells RW-301, RW-306, and AF-INT-1.
- Continued CMS activities associated with interim reports as outlined in the approved May 2014 CMS Work Plan, including reports pertaining to institutional and engineering controls (I&EC) planning as well as development of groundwater corrective measure objectives (CMOs). The I&EC interim report was submitted to USEPA via email on November 24, 2015. The groundwater CMOs interim report is currently undergoing revision and review. An email notification was submitted to, and accepted by, USEPA on December 22, 2015 regarding groundwater CMO document delivery in first quarter 2016.
- Continued preparation of a work plan for an on-site vapor assessment for Buildings 500, 700, 703, and 800 in response to the July 2015 USEPA comments. Pre-assessment activities were conducted to identify site conditions such as building floor construction, utilities, occupancy, and chemical inventories to assist in work plan development.
- The Tier 1 report submittal to Ohio BUSTR regarding the Bldg 500 UST was approved by Ohio BUSTR on December 18, 2015.
- Demolition of Buildings B and C on the south side of the Facility was completed.
- Continued negotiating the purchase and sale agreement with Ohio Department of Transportation (ODOT) to purchase GE property and construct a new public roadway along the

western portion of the Facility. ODOT plans will require that a number of monitoring wells be decommissioned and possibly relocated/replaced. USEPA will be notified of these ODOT requirements once they are confirmed.

***Summary of All Findings:***

- None

***Contacts with the Public:***

- None

***Problems or Potential Problems Encountered:***

- None

***Actions Taken to Rectify Problems:***

- None

***Changes in Personnel During Reporting Period:***

- Doug Crawford has replaced Scott Cormier as Project Director for OBG consulting services under RCRA Corrective Action at GE Evendale. Rick Boone will remain as OBG Project Manager and will continue to be responsible for coordination of routine matters, schedule, and work implementation. Scott Cormier will continue to be involved on the Evendale project for key discussions and meetings.

***Projected Work for First Quarter 2016:***

- Continue pumping in the three aquifer zones (Perched, USG and LSG) and progress monitoring of aquifer conditions as outlined in the PMP. Conduct IRM water level monitoring and transducer download in early January 2016.
- Continue operating the IRM groundwater treatment plant, including scheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters.
- Complete CMS pilot testing of extraction wells EW-7S/EW-8D and integrate findings into the CMS report.
- Complete CMS interim report for groundwater CMOs and submit to USEPA.
- Prepare the 4<sup>th</sup> quarter/annual IRM groundwater monitoring report and submit to USEPA.
- Conduct 1<sup>st</sup> quarter IRM groundwater monitoring in early March 2016.
- Begin preparation of a Tier 2 evaluation report for the Bldg 500 UST for submittal to Ohio BUSTR.
- Prepare a work plan for on-site vapor assessment for Buildings 500, 700, 703, and 800 and submit to USEPA.

***Copies of Daily Reports and Laboratory/Monitoring Data:***

- None